

Title (en)

Apparatus and method for speech recognition

Title (de)

Einrichtung und Verfahren zum Erkennen von Sprache

Title (fr)

Dispositif et procédé pour la reconnaissance de la parole

Publication

**EP 0519360 B1 19970122 (DE)**

Application

**EP 92110001 A 19920613**

Priority

DE 4120308 A 19910620

Abstract (en)

[origin: EP0519360A2] An apparatus and method for speech recognition in the case of a progressive expansion of the reference terminology, particularly for automatic telephone dialling by voice input. Neuron-type and conventional recognition methods are combined with one another in such a manner that during the training and the (re-)configuration of the neuron network, a conventional recogniser, which operates in accordance with the principle of dynamic programming, is provided with the added word patterns for immediate classification as reference. After conclusion of the learning phase, the neuron network takes over recognition of the entire terminology. <IMAGE>

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